

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Original) A solid support comprising a carbon layer on a surface thereof, and wherein after substances contained in a specimen are separated by gel electrophoresis, the substances are immobilized on the solid support by transfer of the substances separated in the gel.

2. (Original) A solid support comprising a carbon layer on a surface thereof, and wherein after substances contained in a specimen are separated through gel electrophoresis, the substances are immobilized on the solid support by transferring the substances separated in the gel to a membrane and further transferring the substances transferred to the membrane.

3. (Currently Amended) A solid support, in which composites are formed by adding further substances, which interact with the substances immobilized on the solid support according to claim 1~~or 2~~, to the substances.

4. (Currently Amended) The solid support according to ~~any one of claims 1 to 3~~ claim 1, wherein the carbon layer comprises a diamond like carbon layer.

5. (Currently Amended) The solid support according to ~~any one of claims 1 to 4~~ claim 1, wherein the carbon layer has a thickness of a monomolecular layer to 100  $\mu\text{m}$ .

6. (Currently Amended) The solid support according to ~~any one of claims 1 to 5~~ claim 1, wherein the surface of the carbon layer is activated through chemical modification.

7. (Currently Amended) The solid support according to ~~any one of claims 1 to 6~~ claim 1, wherein the immobilized substances comprise nucleic acids or peptides.

8. (Currently Amended) A method for mass spectrometry through desorption/ionization of multiple substances or composites immobilized on the solid support according to ~~any one of claims 1 to 7~~ claim 1.

9. (Original) A solid support comprising a carbon layer on a surface thereof, and for use in the method according to claim 8.